

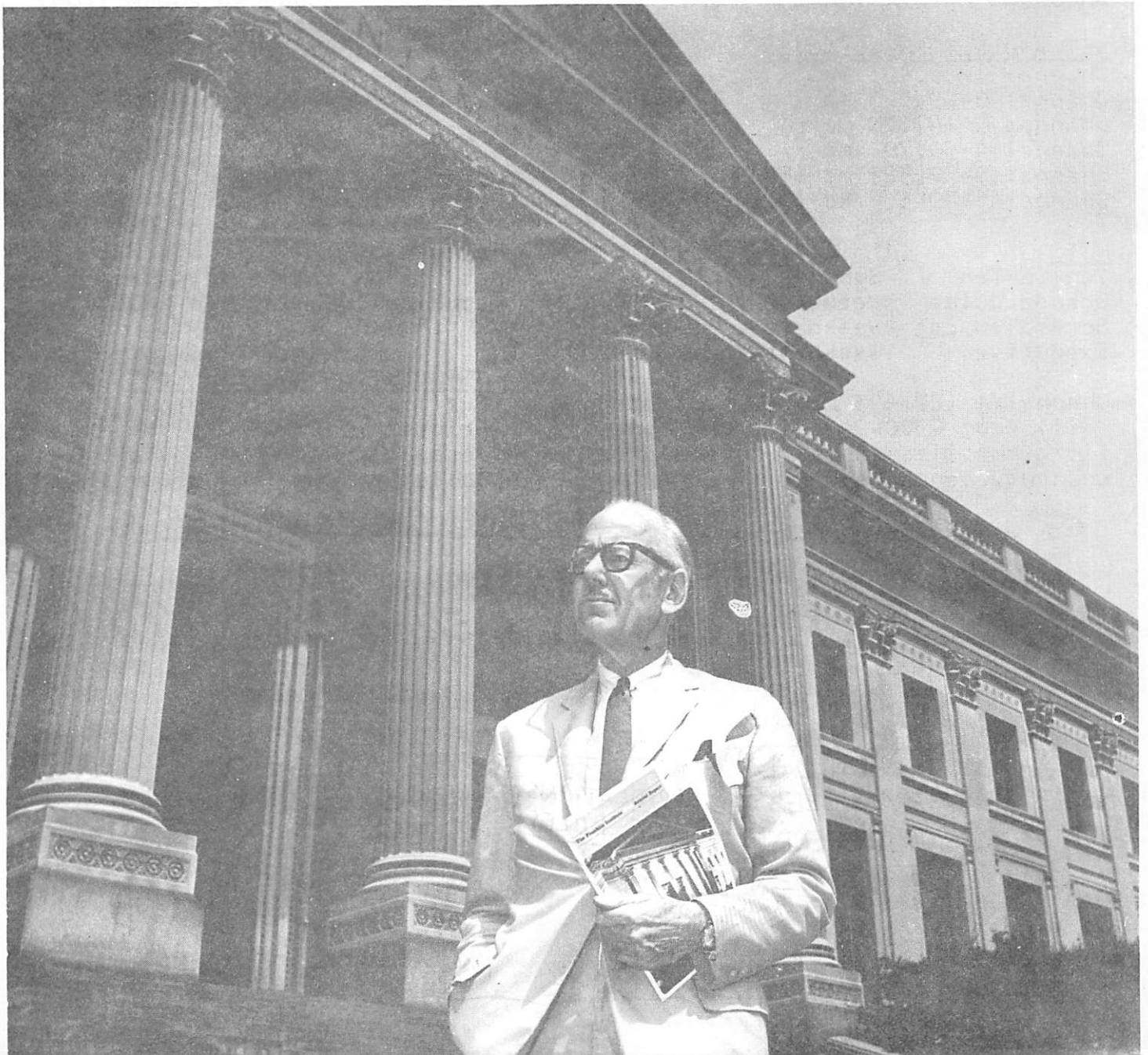
PHILMONT *Mobile* RADIO CLUB INC.

The **B L U R B**

AREA.
MEMBER



March
1966



The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting, and educational. Copying and quoting is permitted, with a credit line, and we gladly exchange subscriptions with other clubs.

DEADLINE: The BLURB is mailed on the last Monday of each month. All material must be in the hands of the Department Editor before the 15th of the month.

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ARNS 48

1966 CLUB OFFICERS

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Joe E. Elmaleh, K3HIJ (A)
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NET AND NET FREQUENCIES

Channel 1-29.493 mc
Channel 2-29.626 mc
Channel 3-147.78 mc
Channel 4-50.70 mc
Channel 5-52.525 mc (FM)
Channel 6-3993 kc (SSB)

NETS**TIME**

Ten-On-Ten Sundays 1000-1100
Orange Juice Weekdays 0700-0730
Scrambled Egg Weekdays 0730-0830
Executive Weekdays 0830-0900

Channel 1 (29.493 mc) is monitored daily from 0900-2400 for the benefit of mobiles in the Philadelphia and suburban area.

DEPARTMENT EDITORS

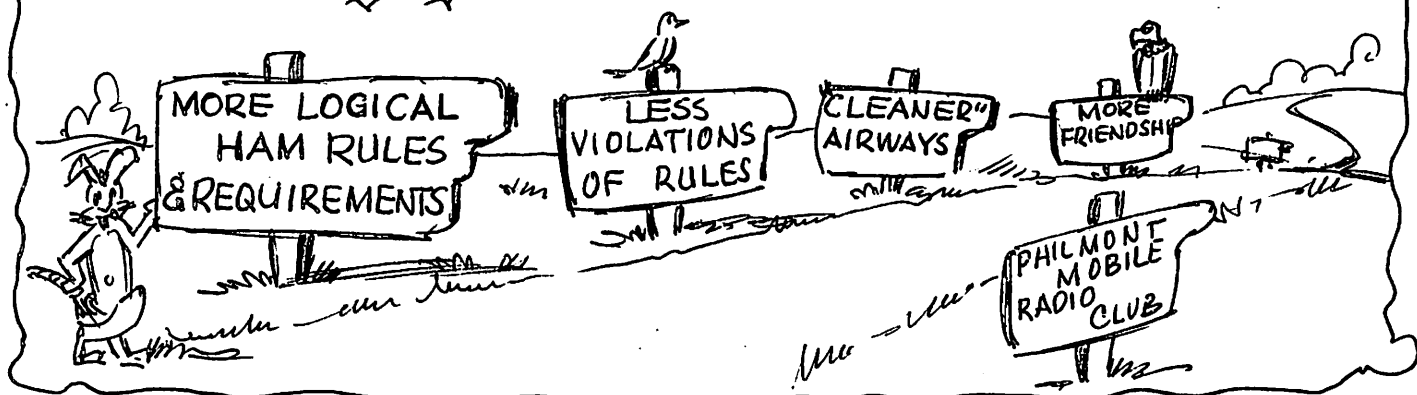
Technical K3GNM
Swap and Shop K3QQH
Features W3MHR
Art WA3CNI
Technical Drawing WA2RDC

CIRCULATION AND PRINTING

Publisher W3LEM
Printer W3YHV
Boss Stitcher W3VVS
Collator W3QQH

Sam's HALF ACRE

Let PHILMONT show the way!



MARCH - 1966

Dedicated to a PHIL-MONT Member

DR. WYNN LAURENCE LEPAGE

W3QCV

A Leader in the World of
AVIATION, COMMUNICATION and EDUCATION

Dr. Wynn Laurence LePage W3QCV - by Lloyd W. Sherman

The dedication of this issue to our esteemed member and fellow amateur, Dr. Wynn Laurence LePage, known to us as Laurence W3QCV, will also help us to "get acquainted".

Laurence, as many "Old Timers", started his career in 1914 as a young boy, with an automobile spark coil. His spark coil fed a helix coil and the receiver was a coil wound on cardboard tubing with a crystal coherer. His career was, however, started in England, which bears witness to his English accent and friendly, "Cheerio"!

Many members of Phil-Mont can well remember what that year 1914 means, and particularly in England. The beginning of World War I was to cut his operation short, because at the start of hostilities all wireless equipment was confiscated by the Post Office Department who handle amateur registrations.

Following the war years, Laurence chose the field of aviation and attended the St. Paul Aeronautical Engineering School. Keen interest in aviation and improvements in aeronautical design won him the privilege of flying in a British Air Ministry Plane. At a later date, however, the crash of a plane in which he was riding interrupted his education for an extended period. After making sufficient recovery, he again resumed and completed his education and then on into the aviation field.

He took a position in research with the National Physical Labs, an arm of the Air Ministry of Great Britain. Experiments in wind tunnels throughout the world gave different figures of performance. In order to make these meaningful, Laurence was given the assignment of coordinating and evaluating the International Aerodynamic Trials in Wind Tunnels in Europe and in the United States. In carrying out this assignment, he came to the U. S. on several occasions where he met such pioneers in aviation as Orville Wright, Glenn L. Martin, Major Lester Gardner, Col. Henderson, Donald Douglass, Jimmy Doolittle, and many others.

In his travels he spent time at the wind tunnel at MIT, Langley Field, and McCook Field at Dayton - places well-known in aviation.

After several years in this country, Laurence was offered an opportunity of employment in the States. Laurence became an Editor of the trade paper called "Aviation", and today known as "Aviation Week". This vocation furthered his acquaintance with the "Early Birds" in aviation, many of whom are also among today's leaders.

He also wrote the 1927 Year Book on Aviation.

The engineering in this infant industry stirred Laurence on to an active role with Pitcairn Aviation. He was Executive Engineer in charge of the New York to Florida Air Mail Service from 1928 to 1930 at which time Pitcairn was bought by other interests to become Eastern Airlines.

As you O.M.'s look back you may well remember, with a bit of nostalgia, the Pitcairn flights in the news.

In 1931, the Chief Engineer at Kellett Aircraft, was none other than Laurence where they built the first Autogiro to receive an Airworthiness Certificate. Two of these Autogiros were taken to the South Pole in 1932 by Admiral Byrd.

By the year 1938, he was President and Chief Engineer of the Platt-LePage Aircraft Company. The Army sponsored a design competition in aviation this same year. The winner of the competition was to be awarded a contract to supply the government with their product, and the winner was none other than Platt-LePage Aircraft Company - an achievement highly sought at this time. The product was the first observation type Military Helicopter.

The future course of events included citizenship in the U.S.A. in 1941, and to be joined in wedlock. The lovely lady, Agnes, and Laurence made their home in the English Village of Ardmere. Their home is of English design and built by Love; that is, Love, by name, was the builder.

Laurence LePage joined The Institute as a member in 1932. In 1953, he was elected to the Board of Directors of The Franklin Institute of the State of Pennsylvania, during which period he established W3TKQ, then on to become President of The Franklin Institute in 1958. In this capacity, Laurence has had the honor of making many cherished Medal Awards to learned, distinguished, prominent and deserving individuals, and is the holder of a Franklin Medal himself.

He likewise was the recipient of an Honorary D. Eng. Degree in 1962 at Lehigh University. Having this honor bestowed upon one so deserving was but one step to precede the announcement of another.

On January 1, 1966, Laurence was named as one of four Americans to have bestowed upon him by the Queen of England, as recognition by the Crown, the title of Honorary Commander of the Most Excellent Order of the British Empire. The highest honor that can be awarded one not an English subject, The next order being a Knight.

THE PREZ SEZ - Fredwood Shaw W3ADV

Here is the information on our May Meeting!

Phil-Mont Plays Host to Delaware Valley Radio Clubs.
May 2, 1966 at The Franklin Institute

Meeting in The Franklin Institute Lecture Hall starting
9 P.M. sharp

Guest Speakers -

Dr. Wynn Laurence LePage W3QCV
President of The Franklin Institute

Dr. Thomas Benham W3DD
Professor at Haverford College
"Electronic Aids to the Blind"

Pre-meeting Dinner in Franklin Hall at 6:30 P.M.

Place Reservations Early - Price to be announced
Bring your XYL's!

Phil-Mont's W3TKQ Ham Station will be open for all visitors.

The great new Bell Telephone Company exhibit will be held
open for all visitors until meeting time.
Those who do not come for dinner, please
come early to see the exhibit.

Door Prizes! Good Fellowship! Be sure to come for a bang-up
time with Phil-Mont!

Let us all plan to be there - with our XYL's - and as
many others as possible. Let's make this a real Phil-Mont occasion!

For the March Meeting - our code contest as previously
advertised - with W3ZN and W3BV as Judges. Where could you find
two more venerable CW operators? Hil! Come and see the fun - enter
and have more fun!

Our one and only Hy Hecht, W3WNC, will be the auctioneer
for the Free-Bee Auction - don't forget to bring your old gear and
help make some money for Phil-Mont.

Also our Transistor Film - a real meeting!

For July, your Program Committee has lined up Mr. Eric
Carlson, W3MOO, who will give us the lowdown on transmission lines -
of all kinds. Mr. Carlson has been Transmission Engineer for the
Bell Telephone Company here in Philadelphia for many years, and is
well qualified to tell us about this subject.

Are there any other good ideas for Phil-Mont?

TECHNICAL SERVICES COMMITTEE REPORT - Bob Thomas W3QZO, Chairman

The Technical Services Committee met at my QTH February 14. Those present were W3's ADV, AJO, NIP, OWK, QQH, WNC and WXC. This group represents about one third of the whole committee, and includes WXC as a new member. We hope to contact others who may be interested in our plans, but in the event that you are missed, and you want to help out, just contact any of the committee members or listen to 10-on-10 for notification of our next meeting.

The topics discussed and our future plans are listed below:

1. Tech-ni-grams for BLURB: QQH will supply material for April; WXC will write up his high power transistor rig for May; QZO on "Transistors for Hams" in June. We are on the lookout for any timely subjects for Tech-ni-grams.
2. Programs: Segments of programs will be presented, starting in early summer.
3. Assistance with mobile equipment: This has been going on for a long time, notably by QQH and WNC who are generous with their time in helping to get bugs out of mobile gear. They will continue their assistance as much as possible and will be joined later by QZO.
4. VHF equipment for W3TKQ: Major components are on hand for construction of 2 and 6 meter rigs running about 120 watts. Assistance is being sought on design and construction of RF sections. We already have a 2 meter converter and are looking for a tuneable IF for it.
5. W3TKQ Antennas: The 10 meter gain-vertical is damaged. W3CDY is arranging for a new mast; antenna will be raised when repair parts are received from manufacturer.
6. 75/10 meter coordination: It was decided that this can best be accomplished with a compact, crystal controlled transmitter/receiver with remote control. Power will be 40-60 watts. A model will be built by QZO.
7. Teletype: Circuit boards are being laid out by QZO who will also order special parts in quantity when needs are determined. NIP is going to put a 2B machine on 10 meter CW - to receive him you only need a rectifier and a fast relay. Schmart! It was suggested 10-on-10 net control stations use this mode for exchanging net roles and announcements. More WU equipment is expected.
8. Channel 1 Frequency: Adherence to net frequency is generally good, but could be improved. Fellows with single sideband receivers, in particular, have a rough time. Standardization will be encouraged by getting W3TKQ exactly on frequency, by emphasis on crystal exchange from a large assortment held by QQH, and by the usual PMRC razzing of anybody who strays too far.

Dr. Wynn Laurence LePage W3QCV - continued from page 3

When such an honor is granted, there is always a contribution to society by the recipient. Laurence, no less has made this contribution as stated in the letter of notification and I quote, "I know how much you have done to further scientific collaboration between Great Britain and the United States".

All that I have written is but a small part of Laurence's brilliant and active life. He holds patent rights in the VTOL field and has pioneered rocket research. He is kept very busy fulfilling the obligations of the office of the President of The Franklin Institute of Pennsylvania and the many related activities in this whole aspect.

It has been a privilege to write this abbreviated biography. It is equally an honor to know and have him as a member of our club.

Laurence, on behalf of the club, may I wish you continued success and happiness?

SPEAKING AS A FRIEND Fredwood S. Shaw W3ADV

It would not be right, in this issue of the BLURB dedicated to W. Laurence LePage, to fail to tell the story of my experiences with him.

One evening in 1949, when Emma and I were having dinner in our home in Drexel Hill, I received a telephone call from a gentleman who spoke with an English accent - one that has since become very familiar to most of us. Laurence, for it was he, introduced himself and told me that he had made a converter for two meters and had been listening on that band for some time. In 1949, the two meter band was very active, and one of the most active clubs was the Haverford Township Emergency Radio Net, of which I was a member. Laurence, for some unknown reason, liked my voice, as he said, and so decided to call me. I invited him over to my shack, and our friendship was started. Laurence really wanted to become a licensed ham, and what with some encouragement on my part, soon became W3QCV, and a member of the H.T.E.R.N. It was not long before he got active on other bands beside two meters.

Now as you may have noticed, Laurence never stands still, he is always progressing in some new direction. So he instigated the "ham" station at The Franklin Institute in 1951 and by one means or another, we got the equipment and put W3TKQ on the air, sponsored by the H.T.E.R.N. Some years later, when we were both members of Phil-Mont, Laurence instigated the move to have Phil-Mont sponsor W3TKQ and move its meeting place to The Franklin Institute. You might say that Laurence is an "instigator". As a matter of fact, I would not be surprised to find out that he instigated the new Franklin Institute Research Building that is so close to completion. What comes next, I do not know.

SPEAKING AS A FRIEND - continued

But, all levity aside, I say with a good measure of affection, that my friendship with Laurence has been long and enjoyable, and I hope that it continues for many more years. And so it is that I speak for myself and all of the Phil-Mont members, when I congratulate W. Laurence LePage on his title of Honorary Commander of the Most Excellent Order of the British Empire.

Laurence, we are proud and happy to count you as one of our Phil-Mont members!

Fred W3ADV
President of Phil-Mont 1966

MARCH CALENDAR

March 7th	Regular Meeting	8PM	THE FRANKLIN INSTITUTE
March 16th	Mid-Month Meeting	8PM	K3PHC Jim Beck
March 28th	"BLURB" Folding	8PM	Qth W3LEM

FEBRUARY VISITORS

There were four visitors at the February Meeting. Anne, XYL of W3JPP, Frank Travers was one of those present. The others were John Doran K3WVB from South Philadelphia, George Long K3GZT of Upper Darby and K3NYL Bob Brangan of Newtown Square.

"THEY COULDN'T COME"

W3OR Alan Vincent fell from his tower while painting it. He is coming along well, but it takes time.

K3RYD Sam Speer is in the Delaware County Hospital, but we have no report at present.

W3AK Tex Hendrix was in the Bryn Mawr Hospital for a leg operation. He sounded fine when I heard him on a patch from the hospital telling the boys about the operation he would talk about. Bet, Tex, you now wish you would have done so earlier. Get well - that's the best we can wish you.

W3PBR Mason Frankenfield - Our old faithful friend sounds real good on the air. Keep it up, Mason! It's you we like to hear in there.

W3IW Robert Ferry is spending time in the Lankenau Hospital. Bob sounds swell on his portable set with about the highest antenna around, thanks to our Pres. W3ADV.

MEMBERSHIP APPLICATION

Robert T. Brangan K3NYL, 3414 Tyson Road, Newtown Square, Pa. 19073. Bob works for General Electric Co. down there on Elmwood Avenue in the city. Bob has attended meetings on a number of occasions and it's been a pleasure to have him. His sponsors are Jon W3AES and Fred W3ADV

RADIO INTERFERENCE - Editor W3CDY

This is an old subject being treated much like the weather by the average citizen.

A radio amateur is fully aware of the problems of radio interference, whether he creates the interference or is subject to the interference from others. Likewise, the amateur is equally interested in fully eliminating any such interference for he knows it is his responsibility.

It is, however, regrettable that the average citizen does not show or share an equal responsibility. He operates equipment that generates interference, generally, unaware of the fact. When he has knowledge of the interference the equipment generates, he chooses to regulate his use of same to the greatest possible convenience or satisfaction of his family or environs. Few search for a means of elimination of the radiated interference.

Many go on operating in pretense of ignorance of having any knowledge of the radiation of interference from the equipment. For Mr. Average Citizen, this pretense of ignorance goes a long way. Only, when his device creates interference to equipment involving the safety of life or property can or does any authority have or exercise power to eliminate such interference.

As licensed radio amateurs, we are required to eliminate undesirable radiation to the degree "as the state of the art permits". No degree of ignorance is acceptable from the amateur by the FCC. The entire responsibility is placed upon the amateur by local authority and offended citizens with little or no measure of consideration for their own ignorance of the facts. The citizenry and frequently local authority now take the position of knowing their full rights and all the facts. They suddenly move from the position of ignorance to the offended citizen.

Any citizen has the right to operate any equipment that generates a signal of any kind, so long as he makes no attempt to radiate the energy or creates no interference to receivers of signals from authorized stations. If the equipment being operated does create interference to the amateur, why should not the owner, and manufacturer alike, share the elimination of such interference, "as the state of the art permits".

I do not believe that the percentage of offending equipment is on the increase. The amount of all types of equipment capable of generating interference is definitely on the increase. The difficulty lies in the fact that there is no authority for the regulation or control of such equipment being manufactured. The purchaser acquires the equipment in good faith, assuming little or no responsibility in his opinion.

At first glance one would draw the conclusion that, a motor, razor or any electrical device of this nature is not a transmitter. As a primary function it is not a transmitter, but as a secondary or accessory function, it is. At a second glance you may disagree by contention that no attempt is made to radiate the signal or that it has no significant frequency.

RADIO INTERFERENCE - continued

We as amateurs make no attempt to radiate our harmonics or supurious radiations. If they do occur, we are required to suppress them. Spark transmitters did not have much frequency control and have long since been removed from the scene except as museum pieces.

Interference to your and my receiving equipment, or anyone else's, is a public nuisance as much as a neighbor's loud Hi-Fi, or a gutted muffler on a hot-rod that prevents your sleep.

But who has the authority to enforce, curb and eliminate this ever growing problem? There is no one who is willing to undertake this responsibility except in isolated cases. There is no one authorized to act fully in this capacity, to the best of my knowledge. I do believe that the time has arrived, when we should get behind the attempt to put FCC in full and complete authority of this interference problem. In reality, it seems to me, it has always been within the scope of FCC authority, but the time has now come when this matter can be seen in a sufficiently clear perspective to fully realize and designate this authority. Does it have your support?

(In all fairness, I read somewhere that there is a movement afoot to grant FCC (or saddle them with) this authority. It was this, that sparked my discourse.)

SPEAKING OF THE ABSENTEE BALLOT

If a member makes eleven (11) consecutive meetings, but misses the December meeting, the time of election, he is unable to cast a vote, due to the change in the By-Laws. If there should be a member who is familiar with Phil-Mont activities this should be the guy; but he can't vote!

If a member misses eleven (11) consecutive meetings, and makes the December meeting to cast his vote, is he qualified to vote? Based on our present By-Laws, he is qualified. Does he really know who to vote for? Honestly now, that's his business, and I'll not question his right.

Let's, however, be fair, and give the other fellow his right to vote, too, by bringing back the Absentee Ballot NOW!

Editor

ANNOUNCEMENTS

11th Reading Radio Club Banquet
Saturday, April 23, 1966 - 6:45 PM
Elks Home, 5th & Franklin Streets, Reading, Pa.
Adults: \$5.00 each Children:(under 10) \$2.50 each
Picnic: Berkshire Meadows, Sunday, August 14, 1966

CHANNEL CHATTER

Sure enough "Our Winnie" (K3RAB) has done it again! She was going NORTH when she should have been going SOUTH at a recent "RONDEVCO" with Russ (K3NYN). They finally met. Where? Who knows!

"Congrats" to our LEADER at W3TKQ (Nelson) for the FB job he is doing on the Club Directory. The three other DRONES - Howard, Paul and Sam - appreciate this very much. Of course, W3QV (Brad) was a big help with the out-of-towners.

NEW JOB - NEW CAR! Our boy "TINY" (W3AES) is also sporting a new WALKIE TALKIE! A recent meeting of the "KLAN" around Jon's desk at Kass's was a "RIOT". You never heard such needling and kibitzing. "GUD LUK" Jon.

We heard "tru" the grapevine that WA3ATP, Ben, (not a Phil-Monter yet) "done his good deed" for the day by refusing to accept any money for door prizes for a group of teenage Radio Hams. FB Ben!

W3JPP Fred Travers' (better known as JEEPERS) talk on the Northeast Blackout at the last Phil-Mont Meeting was a MASTERPIECE! It was so interesting and informative that it entirely eliminated the usual "Side Bar" chattering in the back of the room. Fred's XYL Anne was also present and proved herself a scholarly colleague when called upon by Fred. The extreme interest by the audience was evident by the lengthy Q & A period. Many TNX Fred. Also Fred, many TNX to your P. E. Co. for IT DID NOT HAPPEN HERE.

"THOID" ASS'T TO EDITOR

Condolences to "ROLLIE" W3PWG whose mother-in-law passed away. February was one of the few meetings that he has missed, and we missed you, too, Rollie.

The "Chow" Committee headed by Al W3GIF never has to worry about the doughnuts going to waste as long as Jim W3JYA is around. Jim's seven (7) Harmonics takes care of that problem very nicely. Jim buys all the excess doughnuts after each meeting. (What do we do if W3JYA fails to show? Ed.)

"Old Juicy Apples" (K3OJA) Walt gives the boys a merry chase mobiling around the Philadelphia area. The QSB on his signal as he fades in and out is relayed from station to station like a baton passed to the runners in a "Relay Race". That's fine, Walt, keep up the chatter.

"If I do not keep step with others, it is because I hear a different drummer. Let a man step to the music which he hears, however measured and however far away."

Henry David Thoreau

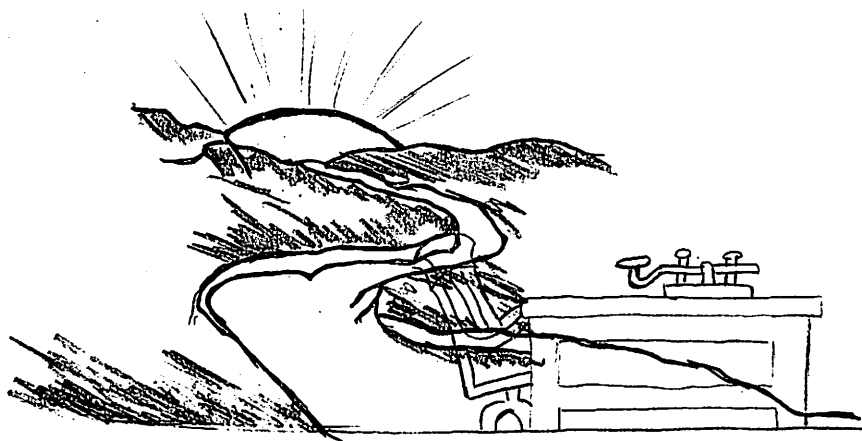
CALENDAR for 1966

Here, again, are the important dates of Phil-Mont activities scheduled at present. The Mid-Month Meetings are now included.

January	3rd 19th	Regular Meeting Mid-Month Meeting	THE FRANKLIN INSTITUTE W3YHV Bill Bubeck
February	7th 16th	Regular Meeting Mid-Month Meeting	THE FRANKLIN INSTITUTE W3MHR George Weed
March	7th 16th	Regular Meeting (Free-bee Auction) Mid-Month Meeting	THE FRANKLIN INSTITUTE K3PHC Jim Beck
April	4th 13th ?	Regular Meeting Mid-Month Meeting (Stag Dinner before meeting - Alpine Inn) Old Timers' Nite	THE FRANKLIN INSTITUTE W3WNC Hy Hecht - Broomall
May	2nd 11th	Regular Meeting Mid-Month Meeting	THE FRANKLIN INSTITUTE W3QZO Bob Thomas - Phila.
June	6th 15th 25th & 26th	Regular Meeting Mid-Month Meeting Field Day	THE FRANKLIN INSTITUTE K3OEJ Art Garner
July	11th 13th	Regular Meeting Mid-Month Meeting	THE FRANKLIN INSTITUTE W3NIP Chuck Snyder
August	1st 10th 13th & 14th	Regular Meeting Mid-Month Meeting Paddlerama	THE FRANKLIN INSTITUTE W3WXC Dick Klein
September	12th 14th	Regular Meeting (Announce - voting for Awards) Mid-Month Meeting	THE FRANKLIN INSTITUTE K3UWO Bob Mynster
October	3rd 12th	Regular Meeting (Auction - Vote for Awards) Mid-Month Meeting	THE FRANKLIN INSTITUTE W3OEC Bob Lachman
November	6th(Sun) 7th 16th	10-on-10 Annual Round-Up Regular Meeting (Nomination of Candidates for Officers) Mid-Month Meeting	THE FRANKLIN INSTITUTE K3HIJ Joe Elmaleh
December	5th 14th	Regular Meeting (Election) Mid-Month Meeting	THE FRANKLIN INSTITUTE W3WNC Hy Hecht

1967

January	9th 18th	Regular Meeting Mid-Month Meeting	THE FRANKLIN INSTITUTE W3ADV Fred Shaw
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"SILENT KEY" W3LNQ - by Editor W3CDY

The station of Frank Travers W3LNQ is silent forever. Our stalwart and friendly Phil-Mont member passed away in his sleep Thursday night, February 17, 1966. Frank, was one of Phil-Mont's oldest members, active in the affairs of the club and on the frequencies.

Frank, with Fred Shaw W3ADV, our President, built the 2 meter transmitter and receiver used in the old W3TKQ installation. He was a part of the force in the earlier and the present W3TKQ installations.

Frank gave liberally of his time to Dr. Tom Benham, W3DD, Professor at Haverford College (our speaker for the May inter-club meeting) in preparing materials and reading for the blind.

He was Chairman of the 10-on-10 Net Committee, a position relinquished by W3YJM, Charlie Gilbert, in mid-1965.

We knew Frank for his pleasant smile, friendliness and willingness to help. He made known and stood by his convictions, and was admired for it. He was the target of many a pun, though he always received it in fun.

We of Phil-Mont express our deepest sympathy to his sister, Grace, and Doc Burket W3HQJ, with whom he lived, and his brother, Fred Travers W3JPP and Anne in their loss. Phil-Mont will miss him, too.

Mention was made of a fund by contributions for some club purpose in his name. Since he was so active in getting W3TKQ operational, the 6 and 2 meter part of the station would be an appropriate tribute. What are your ideas?

SWAP & SHOP

Wanted A clean SX100 Receiver by

K3NYN Russ Miller
632 Argyle Road
Wynnewood, Pa. or
Tele: MA 6-440 daytime

For Sale Clean Operating High Band for 2 meters FM Links
 1905 Receiver)
 2240 Transmitter) \$30.00 a pair
 (829 final)

W3CDY Lloyd W. Sherman
42 Ashley Road
Newtown Square, Pa.
Tele: EL 6-4787 evenings

Wanted Commercial Helix, Transmitting Condenser
 1 or 2 inch Commercial Spark Coil in good condition,
 Navy Coupler and one and two coil slide tuner coils.

Write and advise price if you have an item for sale.

Swap for some crystal detector or the like.
Postage stamps, some on cover, some unused, American,
German and Indonesian. Write to:

George C. Starry
612 James Street
Latrobe, Pa. 15650

CHANNEL CHATTER

During the past month 143 contacts were made on 75 SSB
(Channel 6) as a Net activity. Activity and interest runs high
with the same stations appearing quite regularly. Bob, W3JGB has
done some cross band patching between 10 and 75. It's too early
to give any results.

Walt Koch W3CHZ

Activity on our Channel 1 has been much above the normal
at times. Hope it is an indication of things to come.

Hope by the time this reaches you W3IW will be on from
home and feeling perk.

Jim Spencer W3QQH and XYL Elaine, spent some time in
Florida. Seems like Jim knew the right time to leave the area to
avoid shoveling snow.

Howard Unruh W3TJQ spent Christmas vacation with his
daughter (and several hams) in Fort Myers.

TRANSMITTER HUNTING ANYONE?
by Michael W. Foster K3WQQ

The monthly transmitter hunt sponsored by North Penn Radio Club was held last Friday, December 10. Meeting at the QTH of W3EMH were four mobiles from North Penn and myself with WA3BKJ acting as driver. The hunt was started with 5 minutes of tone modulated carrier on 29.52 mc so initial fixes and adjustments could be made. After this, a minute of tone could be requested, at the cost of one point, by any of the hunters. A point is also added for every mile traveled during the hunt and like golf, the winner is the station with the least amount of points. The hunt was started at 8:00 PM and by ten we were close, but not exactly on the hidden xmtr. For the benefit of us and others in our same position, a fifteen minute period of free tone was given. With this, we found it and as a reward had one point subtracted from our score. The first one to locate it has five points dropped from his score. If a station's tally goes above 25 points, the additional points are dropped and a score of 25 is listed on the final record. A trophy is given for the yearly winner at the North Penn banquet. The hunt made for a very enjoyable evening as the hidden xmtr was real strong and easily readable at all locations. (It must be located within 7 miles of the starting point).

Materials needed to add to the enjoyment:

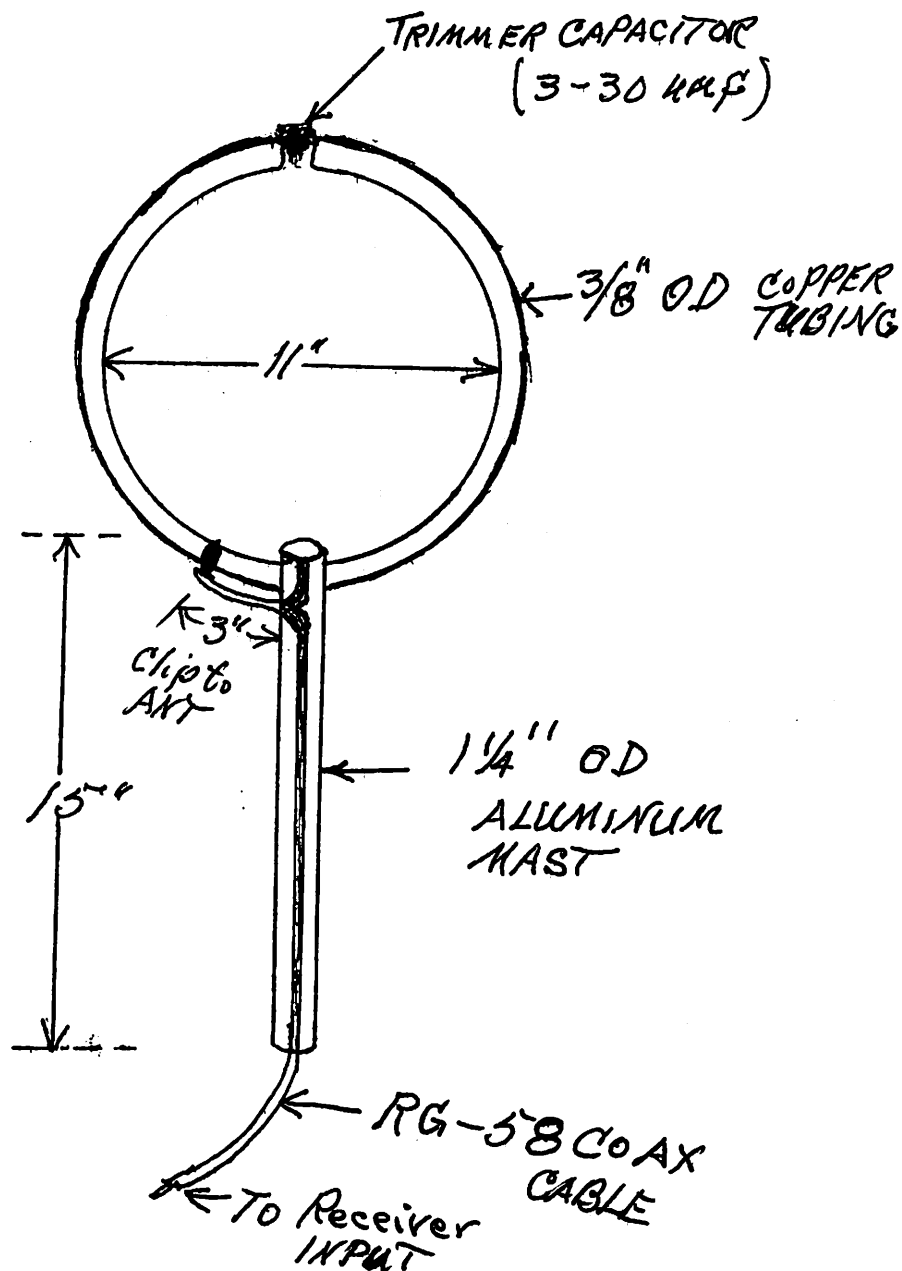
1. Loop type of directional ant. (see suggestion below)
2. Detailed map of Montgomery County. (An excellent map is available at the County Courthouse, Norristown.)
3. Warm gloves. (Nice to keep those hands warm as they hold the ant. out the car window.)
4. Partner to drive the search vehicle or act as navigator.

(Bring along the XYL and show her how much fun there is in Ham Radio.)

Happy xmtr hunting!

How to Build a DF Loop

Bend about 35" of copper tubing into a circle. Drill a 3/8" hole in the mast near the top. Slide the tubing through this hole. Leaving open end at top, secure the tubing at the bottom by drilling a hole through it and the mast and sliding a machine screw through these holes. Now, solder the trimmer between the two open ends at the top. Next, the coax is brought up the inside of the mast and brought through a hole in the mast. The braid, having been stripped back about 3 1/2" is soldered to the tubing at the point the screw passes through it. The center is connected to one side, approx. 3" from center. (Must be adjusted for max. signal along with trimmer.)



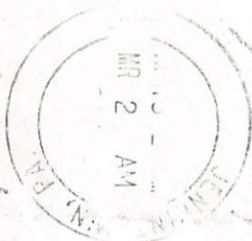
When visiting with Jon Balch W3AES the other day at Kass Electronics, I spotted a loop. Jon informed me, that this loop called a "Signal Hunter" will tune the 10 meter band, but it is designed for the 27 mc band. It comes complete with 9 feet of coax, terminated with a PL-259 and a window mount and suction cup for quick mobile installation. Just the thing for transmitter hunting. Speaking of transmitter hunting, North Penn has extended an invitation to Phil-Mont members to participate in their Transmitter Hunts. This is a fine inter-club attitude, and especially so when a club does not sponsor a like activity.Ed.

TIME VALUE

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The "Blurb"



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